

# Managed Network Edge with security and routing for higher education



## Protect and monitor your college's or university's network over a single platform

In today's era of digital learning, colleges and universities are facing myriad security threats — threats that must be contained to keep student data and intellectual property secure and network operations running.

The path to securing your network can be challenging with minimal IT resources available and so many DIY options and solution vendors. Thankfully, there's an easier way to protect a network and know that security is up to date across campus and when using the internet to access cloud applications.

Managed Network Edge is a modular, all-in-one solution that creates a complete network for all of your campus locations. Delivered over the Cisco Meraki platform, Managed Network Edge allows you to quickly protect your network all the way to the switch with consistent security capabilities across all of your locations. It also offers complete end-to-end visibility and control from a cloud-based portal. Our certified networking experts, along with our national reach and multiple connectivity options, make Spectrum Business® uniquely qualified to be your single networking partner. We can tailor a complete solution to meet your college or university's needs.

### Integrate stronger security across your network

Managed Network Edge strengthens your security posture with automated updates that make it easy to keep pace with changing networking requirements and emerging security risks. Firewalls, unified threat management (UTM), URL content filtering and advanced malware and intrusion protection all play an important role. In addition, site-to-site VPN integration automatically establishes encrypted tunnels for traffic between locations and to the cloud, ensuring that network connections are always secure.

And gaining visibility into your network security has never been easier, with quick insights across your locations. It all starts with the cloud-based portal where you can see the end-to-end network activity of your wide-area network (WAN) and local-area networks (LANs). As part of the service, Spectrum Business can quickly provision new locations, giving you consistent security across your entire network.

### Intelligent routing helps protect access to your network

Your campuses' most critical applications get priority across your WAN via intelligent routing over Managed Network Edge. That same intelligent routing plays a vital role in protecting your network.

The routing capabilities of Managed Network Edge let you create virtual LANs (VLANs) to divide network traffic into segments based on type. This isolation of traffic into segments adds a layer of security and control by making it harder for bad actors to gain access to sensitive student data because a breach in one part of the network does not expose the rest of the network.

### A managed switch strengthens security within your LAN

By adding switching capabilities from Managed Network Edge, you can easily segment traffic further while also ensuring LAN privacy and protection. Doing so helps prevent attacks from within your network and keeps internal users' data private.

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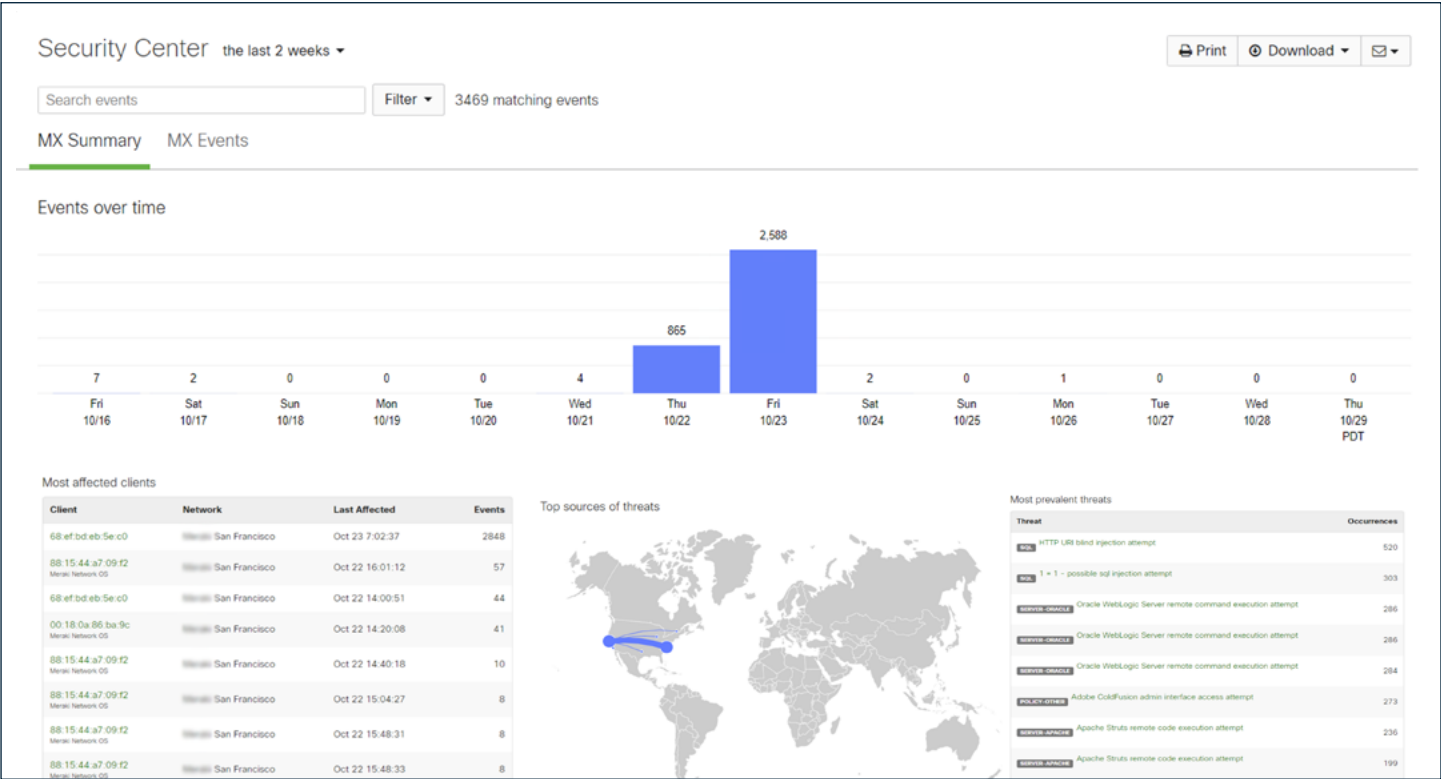
### Product highlights

- **Simplify network management:** Experience comprehensive support, simplified billing and faster resolutions by working with a single partner.
- **Add layers of security:** Managed Network Edge offers firewalls, UTM, URL content filtering and advanced malware and intrusion protection in addition to alarm notifications if there is a problem.
- **Protect your WAN traffic:** Integrate site-to-site VPN to automatically create secure connections between locations.
- **Improve network access security:** VLANs can create subnetworks to isolate areas of your network to keep out bad actors.
- **Enhance LAN security:** Traffic segmentation with switching provides an additional degree of privacy and protection for users across your LANs.
- **Manage your campus network with ease:** Save time by accessing and managing your entire network from a centralized, intuitive and easy-to-use portal.
- **Partner with trusted professionals:** Enjoy a consultative approach to design and implementation while knowing that you have access to our 100%, 24/7/365 U.S.-based support.

Available services

- **SD-WAN:** Seamlessly and automatically connect multiple locations.
- **WiFi:** Connect students, faculty and staff to next-generation WiFi that provides speed, reliability and performance with security that begins at the wireless access point.
- **Switching:** Prioritize traffic on the data link and network layers (layers two and three) with cloud-managed, enterprise-grade switching.
- **Smart cameras:** Gain valuable insights into behavior patterns while also protecting your institution.
- **Environmental sensors:** Intelligently monitor and automatically alert faculty and staff of environmental events such as changes in temperature, humidity, air quality, water leaks and unauthorized space access to provide safe, comfortable learning environments for students and faculty and reduce energy consumption.

Gain insights into security events across your WAN and LANs via the portal



Learn more  
[enterprise.spectrum.com/ManagedNetworkEdge](https://enterprise.spectrum.com/ManagedNetworkEdge)

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